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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/810,559

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Tsuyoshi Yamamoto

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05/15/2008

OLIFF & BERRIDGE, PLC

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EXAMINER

EBRAHIMI DEHKORDY, SAIED

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/810,559

**Applicant(s)**

YAMAMOTO ET AL.

**Examiner**

SAEID EBRAHIMI DEHKORDY

**Art Unit**

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 08 February 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5, 15, 16, 18, 20-27, 30-32 is/are rejected.
- 7) ☒ Claim(s) 6-14, 17, 19, 28 and 29 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/808)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

***Response to Amendment***

1. Applicant's arguments with respect to claims 1-32 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-5, 15-16, 18, 20-27 and 30-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Koster (Pub. No.: US 20040203909) in view of Tomida et al (Pub. No.: US 20020054345) and further in view of Mackay (Pub. No.: US 20030078895)

**Regarding claim 1, 23 and 32** Koster discloses: A slip printing system which can be employed in a service management system, comprising: a host computer that stores data related to a service managed by the service management system (note page 2, paragraph 0032) a mobile terminal device having that is capable of performing data communication with the host computer (note Fig.3 wherein the mobile system is communicating with the information service providers, page 6, paragraphs 0058-0061) wherein the mobile terminal device includes a service information input module through which service information regarding a service a customer intends to receive is input (note page 3, paragraph 0035, also note page 4, paragraph 0043, wherein the GPS values which the user of the cellular phone needs are set by the user on their cell phone, Fig.1, item 19) the service information input through the service information input module being transmitted from the mobile terminal device to the host computer (note page 4, paragraph 0043,

wherein the GPS values which the user of the cellular phone needs are set by the user on their cell phone, Fig.1, item 19). However Koster does not clearly disclose: and a mobile printer that is capable of receiving data from the mobile terminal device and printing an image in accordance with the data received from the mobile terminal device; wherein the host computer includes a print data generating module that generates print data to be printed by the printer in accordance with the service information transmitted from the mobile terminal device; the print data generated by the print data generating module being transmitted to the mobile terminal device; wherein the mobile terminal device transmits the print data which has been transmitted from the host computer and wherein the mobile printer prints an image on a slip in accordance with the print data transmitted from the mobile terminal device. On the other hand Tomida et al disclose: and a mobile printer that is capable of receiving data from the mobile terminal device and printing an image in accordance with the data received from the mobile terminal device (note pages 3&4, paragraphs 0064-0071) wherein the host computer includes a print data generating module that generates print data to be printed by the printer in accordance with the service information transmitted from the mobile terminal device (note page 3, paragraph 0064, also note page 3&4 paragraphs 0065-0071, wherein the print data create or generated by server would be transmitted to the mobile phone and thereon to the printer to be printed) the print data generated by the print data generating module being transmitted to the mobile terminal device (note pages 3&4, paragraphs, 0068-0071) wherein the mobile terminal device transmits the print data which has been transmitted from the host computer and wherein the mobile printer prints an image on a slip in accordance with the print data transmitted from the mobile terminal device (note again pages 3&4, paragraphs 0064-0071). However neither Koster nor Tomida et al would clearly

disclose: a customer chosen method of payment for the service rendered. On the other hand Mockay discloses: a customer chosen method of payment for the service rendered (note Figs.2a-2b and 4a-4d, page 2 paragraphs 0022-0033 wherein the cellular phone 4, is used to make payment for the services rendered) Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Koster's invention according to the teaching of Tomida et al, Where Tomida et al in the same field of endeavor teach the way the transmitted data from the service provider to the cellular phone would be transmitted from the cell phone to the printer for printing this would enhance the system as a whole to improve the user to perform the task of receiving and printing at the same time. And further using Mockay would enhance the capabilities of cellular user to cut down on cost and actual processing time.

**Regarding claim 2** Koster discloses: The slip printing system according to claim 1, wherein the service the customer wants to receive allows the customer to buy items, and wherein the service information includes information indicating items the customer intends to buy and quantities thereof (note pages, 12&13, paragraphs 0109-121).

**Regarding claim 3** Koster discloses: The slip printing system according to claim 2, wherein the mobile terminal device includes a display, available items being displayed on the display in order to allow the customer to select desired items from among the displayed ones (note Fig.10A&B, page 12, paragraphs 0106-0107).

**Regarding claim 4** Koster discloses: The slip printing system according to claim 2, wherein the service information includes information regarding a payment method for the items the customer intends to buy (note Fig.11A&B, pages 13&14, paragraphs 0111-0117).

**Regarding claim 5** Koster discloses: The slip printing system according to claim 2, wherein the

host computer stores stock status of available items and unit prices thereof (note Fig. 10A&B, page 12, paragraphs, 0106-0108).

**Regarding claim 15** Koster discloses: The slip printing system according to claim 1, wherein the mobile terminal device includes a display, available service items which can be selected by a customer being displayed on the display in order to allow the customer to select desired service items from among the displayed ones (note Fig. 1, item 18 where the item are displayed for the user to choose from. Also note Fig. 11A&B, pages 13&14, paragraphs 0111-0117).

**Regarding claim 16** Tomida et al disclose: The slip printing system according to claim 1, wherein the print data generating module generates the print data having a format that corresponds to the service item selected by the customer (note page 10, paragraph 0170).

**Regarding claim 18** Koster discloses: The slip printing system according to claim 1, wherein the mobile terminal device includes a display on which preview image is displayed based on the print data transmitted from the host computer (note Fig. 11A&B, pages 13&14, paragraphs 0111-0117).

**Regarding claim 20** Tomida et al disclose: The slip printing system according to claim 1, wherein the mobile terminal device is a cell phone, the print data being transmitted from the cell phone to the printer by a data communication which does not use a cell phone network system (note Fig. 7, paragraph 6, paragraph 0123-0125).

**Regarding claim 21** Tomida et al disclose: The slip printing system according to claim 20, the print data is transmitted from the cell phone to the printer by a wireless communication (note page 4, paragraph 0099, also note Fig. 26, page 13, paragraph 209).

**Regarding claim 22** Koster discloses: The slip printing system according to claim 1, wherein the

mobile terminal device is a cell phone, the data communication between the cell phone and the host computer being performed using a cell phone network system (note Fig.2A,&B, pages 5 and 6, paragraphs 0049-0057).

**Regarding claim 24** Koster discloses: The method according to claim 23, further comprising a step of displaying available service items on a display of the mobile terminal device in order to allow the customer to select desired items from among the displayed ones (note Fig.11A&B, pages 13&14, paragraphs 0111-0117).

**Regarding claim 25** Tomida et al disclose: The method according to claim 23, wherein the print data generated by the host computer has a format that corresponds to the service item selected by the customer (note page 10, paragraph 0170).

**Regarding claim 26** Koster discloses: The method according to claim 25, wherein the service information includes data indicating a method of payment for the service rendered (note Fig.11A&B, pages 13&14, paragraphs 0111-0117).

**Regarding claim 27** Koster discloses: The method according to claim 26, wherein the host computer generates different print data depending on the method of payment (note page 14, paragraph 0121).

**Regarding claim 30** Koster discloses: The method according to claim 23, wherein the service the customer wants to receive allows the customer to buy items, and wherein the service information includes information indicating items the customer intends to buy and quantities thereof (note Figs. 10A&B, page 12, paragraphs 0106-0108).

**Regarding claim 31** Koster discloses: The method according to claim 30, wherein the service

information includes information regarding a payment method for the items the customer intends to buy (note Fig.11A&B, pages 13&14, paragraphs 0111-0117).

#### **Allowable Subject Matter**

4. Claims 6-14, 17, 19 and 28-29 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### ***Conclusion***

2. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

#### **CONTACT INFORMATION**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sacid Ebrahimi-dehKordy whose telephone number is 571-272-7462. The examiner can normally be reached on Mon-Fri,8:00am-6:00pm.



If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Saeid Ebrahimi-dehKordy/  
Primary Examiner, Art Unit 2625  
May 9, 2008